

## ABSTRACT

A vacuum plenum module of a stencil wiper assembly for wiping and removing excess material from a stencil of a stencil printer includes a wiper blade to wipe the stencil, a plenum chamber in fluid communication with the wiper blade, and a vacuum generator attached to and in fluid communication with the plenum chamber to create a vacuum within the plenum chamber. The vacuum plenum module further includes a fluid supply to introduce pressurized fluid into the vacuum generator, and an exhaust to exhaust fluid from the vacuum generator. The vacuum generator includes at least one vacuum ejector adapted to create the vacuum. The vacuum plenum module is further configured to move between a first position in which the vacuum plenum is spaced away from the stencil and a second position in which the vacuum plenum engages the stencil. A method of cleaning a stencil is further disclosed.

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